

ABSTRACT OF THE DISCLOSURE

A multi-homing tunneling device is used to transmit packets received from a station (in a first business site) to another remote station (in a second business site) via a tunnel formed between a link in the first business site and a link in the second business site. Different external addresses are used on every link to represent internal addresses. Mappings between various internal and external addresses are stored in the tunneling device. Further, tunneling devices are able to communicate with each other to exchange such mappings. The original content is reconstructed based upon such mappings.